

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(AB9BA0) Hex(DEC5CD) Hex(9BA8AB) Hex(574E51) Hex(96002F) Hex(170007)

	Hex(AB9BA0)	Hex(DEC5CD)	Hex(9BA8AB)	Hex(574E51)	Hex(96002F)	Hex(170007)
Hex(AB9BA0)		Ratio: 1.64 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 7.63 Passed ⁶
Hex(DEC5CD)	Ratio: 1.64 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 12.48 Passed ⁶
Hex(9BA8AB)	Ratio: 1.08 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 3.28 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 8.26 Passed ⁶
Hex(574E51)	Ratio: 3.03 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(96002F)	Ratio: 3.39 AA 18pt ²	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.25 Failed ⁵
Hex(170007)	Ratio: 7.63 Passed ⁶	Ratio: 12.48 Passed ⁶	Ratio: 8.26 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 2.25 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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